

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. DON04 P-945	SERIAL NO.
	APPLICANT(S) Niall R. Lynam	
	FILING DATE	GROUP 2873

J1040 U.S. PTO  
 09/973320  
 10/09/01

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
EAL	5 8 6 4 5 1 9	1/26/99	Lynam	359	265	
	5 6 8 0 2 4 5	10/21/97	Lynam	359	265	
	5 3 5 5 2 4 5	08/11/94	Lynam	359	267	
	4 6 0 9 6 8 8	09/02/86	Radisch et al.	523	169	
	4 6 0 1 5 3 2	07/22/86	Musser et al.	350	1.1	
	4 0 4 8 9 7 8	09/20/77	Plumat et al.	126	200	
	5 9 8 6 7 9 7	11/16/99	Lynam			
	6 1 2 2 0 9 3	09/19/00	Lynam	359	275	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA-TION
						Y N

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
EAL	U.S. Patent Application 09/418,525, filed October 14, 1999, entitled REDUCED ULTRAVIOLET RADIATION TRANSMITTING, SAFETY PROTECTED ELECTROCHROMIC GLAZING ASSEMBLY. Now U.S. Pat. 6,122,093

EXAMINER	DATE CONSIDERED
EAL	12-29-03

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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APP. DOCKET NO.

DONO4-P-945

APPLICANT  
Niall R. Lynam

SERIAL NO.

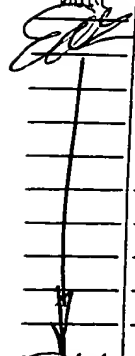
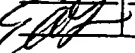
09/973320

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GROUP

2873

## U.S. PATENT DOCUMENTS

EXAMINER MARK	DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	5	0	6	6	1	1	2	11/19/91	Lynam et al.	359	267	
	5	0	9	9	0	4	4	1/23/92	Daughman et al.	52	171	
	5	1	4	0	4	5	5	0/10/92	Varaprasad et al.	359	265	
	5	1	4	0	3	0	5	9/15/92	Byker	359	265	
	4	9	0	2	1	0	0	2/90	Byker	350	357	
	4	0	9	3	9	0	0	6/27/81	Wolfe et al.	359	275	
	4	0	5	2	9	7	9	0/1/89	Agrawal	359	274	
	4	7	9	3	6	6	2	12/27/80	Perilloux	359	355	
	4	7	6	1	0	6	1	0/2/80	Nishiyama et al.	359	265	
	4	7	4	9	2	6	1	6/7/80	McLaughlin et al.	359	51	
	4	7	2	6	6	6	4	2/23/80	Tada et al.	359	275	

## FOREIGN PATENT DOCUMENTS

EXAMINER MARK	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
EAP	61 7 0 3 3	6/86	Japan	X	X		
	61 9 4 0 1 9	6/86	Japan			x	
	62 1 4 5 2 0 2	3/82	Japan			x	
	62 2 1 5 2 4 7	9/21/82	Japan			x	
	67 1 6 7 0 0 9	10/14/82	Japan			x	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EAP	CRC Handbook of Chemistry and Physics, CRC Press, Inc., Boca Raton, Florida, pp. D-107, D-108 and C-735-745, 1980-81.
	Toohey, P.V., Handbook of Glass Manufacture, Volume 1, Oxden Publishing Company, Copyright 1953, page 11.
	"SAFLEX Polyvinyl Butyral Interlayer Laminating Guide", Monsanto Co., St. Louis, Missouri, February, 1980.

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DATE CONSIDERED

12-29-03

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(Rev. 7-87) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
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ATTY. DOCKET NO.  
DON04 P-945

SERIAL NO.  
090/973320

APPLICANT  
Niall R. Lynam

FILING DATE

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### U.S. PATENT DOCUMENTS

EXAMINER MARK	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FIG. DATE IF APPROPRIATE
<i>Ed</i>	4 6 7 6 0 1	6/30/07	Itoh et al.	359	30	
	4 6 7 1 6 1 9	6/9/07	Kaminori et al.	359	275	
	4 6 6 4 4 7 9	5/12/07	Miroshi	359	30	
	4 6 5 7 7 9 6	4/11/07	Musil et al.	420	30	
	4 6 3 2 0 7 7	12/30/06	Watanabe et al.	420	409	
	4 5 7 2 6 1 2	2/25/05	Reininger et al.	359	254	
	4 5 6 5 4 2 4	1/21/05	Hufman et al.	359	90	
	4 5 5 6 2 0 8	12/3/05	Sekimura	359	74	
	4 5 4 9 0 9 4	10/29/05	Araujo et al.	65	30.11	
	4 5 4 3 2 0 3	9/24/05	Curtze et al.	420	30	
<i>Ed</i>	4 5 3 3 6 0 1	8/6/05	Hennann et al.	420	437	

### FOREIGN PATENT DOCUMENTS

EXAMINER MARK	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>Ed</i>	2 0 1 4 7	5/81	EPO				X
	2 4 0 2 2 5	10/87	EPO				X
	7 9 0 1 1	5/18/82	EPO			x	
	2 5 1 3 1 9 0	9/81	France			x	
<i>Ed</i>	2 7 3 2 7 2 7	3/78	Germany			x	

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Ed</i>	"BUTACITE Polyvinyl Butyral Resin Sheetting Customer Specifications", E. I. DuPont de Nemours & Co., (Inc.); Wilmington, Delaware, October, 1984
<i>Ed</i>	"Smart Windows for Automobiles", SAE Technical Paper Series No. 900419; Niall R. Lynam, February 26, 1990 - March 2, 1990.
<i>Ed</i>	Fan, John C.C. and Radtner, Frank J. "Transparent Heat Mirrors for Solar-energy Applications" <u>Applied Optics</u> , Volume 15, No. 4, April 1976, pp. 1012-1017.

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12-29-03

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	APPLICANT Niall R. Lynam	
	FILING DATE 2873	GROUP 2873

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	TITLE	CLASS	SUBCLASS	FIGURE DATE IF APPROPRIATE
EAL	4 5 2 1 0 7 2	6/4/05	Leenhouts et al.	359	74	
	4 5 2 1 0 7 0	6/4/05	Daeger	359	62	
	4 5 0 5 5 3 0	3/19/05	Toussaint et al.	359	274	
	4 4 9 6 6 1 1	1/29/05	Kawakubo et al.	420	425.5	
	4 4 3 5 0 4 0	3/6/04	Kaminori et al.	359	275	
	4 4 0 0 0 1 7	10/11/03	Kozaki et al.	359	79	
	4 3 1 0 0 0 0	7/6/02	Kaminori et al.	359	275	
	4 3 1 5 0 5 3	2/9/02	Poth et al.	420	423.7	
	4 2 6 0 1 2 6	5/19/01	Munford	359	36	
	4 2 1 2 0 0 0	11/4/00	Orain et al.	420	215	
4 2 1 0 5 0 0	0/19/00	Radisch	420	70		

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

"Anti-Lacerative Windshields - An Overview", SAE Technical Paper  
 Series 940300 by N.W. Johnston, S.H. Hesliczek and C.E. Ash,  
 February 27-March 2, 1984.  
 Ultraviolet Radiation, Second Edition, Lewis R. Koller, John  
 Wiley & Sons, Inc., New York, 1965, pp. 4-7.  
 "Chemicals and Additives" page 170, Modern Plastics Encyclopedia,  
 1988.

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12-29-03

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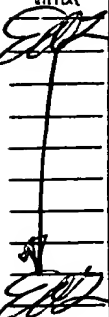
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	APPLICANT Niall R. Lynam	
	FILING DATE	GROUP 2873

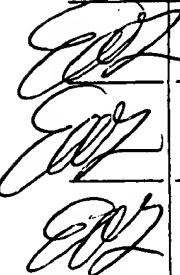
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4	1	2	1	5	2	6	5/4/79	Cheremko et al.	204	159.2	
	4	0	2	2	6	2	0	5/10/79	Deeg	65	30.13	
	3	2	1	1	0	0	7	1/20/75	Tu et al.	359	907	
	3	9	0	0	6	7	3	8/19/75	Mattimoe et al.	420	339	
	3	0	6	9	1	9	6	3/4/75	Kubota	359	63	
	3	0	6	7	1	7	5	2/18/75	Domite	359	507	
	3	0	0	6	2	2	9	4/23/74	Schoot et al.	359	273	
	3	4	1	3	0	5	9	5/13/69	Roxjers	359	275	
	3	2	0	0	7	0	1	10/25/66	Donnelly et al.	359	267	

FOREIGN PATENT DOCUMENTS

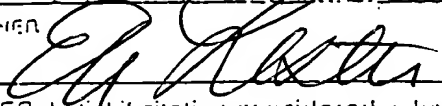
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Preamble to Amendment to Motor Vehicle Safety Standard No. 205 - Glazing Materials (Docket No. 71-1; Notice 3), June 21, 1972
	"Electrochromic Automotive Day/Night Mirrors", Lynam, SAE Technical Paper Series, 870636, February 23-27, 1987.
	The MERCK Index, an Encyclopedia of Chemicals, Drugs and Biologics, Tenth Edition, 1983, Page 150.

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FORM PTO-1119 (Rev. 7-72)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DON04 P-945	SERIAL NO. <u>090/973320</u>
INFORMATION DISCLOSURE STATEMENT OF APPLICANT  (Use several sheets if necessary)		APPLICANT <u>Malik J. Syman</u>	FILING DATE <u>2873</u>


## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Shelepin, I.V. et al. "Electrochromism of Organic Compounds - Electrochemical and Spectral Properties of a System Based on Methylviologen and 3-Ethyl-2-Benzothia-Zolone Azine", Scientific Research Institute of Intermediates and Dyes, Moscow, translated from <i>Elektrokhimiya</i> , Vol. 11, pp. 12-17, January, 1977

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(Rev. 7-32) PATENT AND TRADEMARK OFFICE

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ΑΠΤΥ. ΠΟΡΧΕΙ ΗΘ.

DON04 P-945

## APPLICANTS

Niall R. Lynan

FILMID DATE

SERIAL NO.

090/973 320

**GROUP**

2873


## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	INFORMATION	
		YES	NO											
<i>[Handwritten signatures]</i>		1	4	6	6	7	2	A	7/3/85	GPO	<del>X</del>	<del>X</del>		X
		1	1	2	4	6	9	A	1/1/77 1980	Germany			x	
		2	2	0	5	0	7	S	1/1/507	Great Britain				X
		-	-	-	-	-	-	-						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		I. Maller, "Ultraviolet Protecting Coating", <u>IBM Technical Disclosure Bulletin</u> , Vol. 15, No. 5, October 1972, pp. 1723-24, New York, U.S.A.

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DATE CONSIDERED

12/29/03

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	APPLICANT(S) Niall R. Lynam	
	FILING DATE October 9, 2001	GROUP 2873

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER INITIAL		

EXAMINER <i>Ed Foster</i>	DATE CONSIDERED <i>12-29-03</i>
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